

Claims:

1. A content preservation system comprising:  
at least one content interface adapted to receive content;  
a document vault configured to associate metadata with received content;  
a storage management system that manages preservation specifics and queues one or more preservation objects for preservation; and  
a preservation store adapted to preserve one or more preservation objects on preservation media.
2. The system of claim 1, further comprising a shelf management module adapted to perform classification, indexing, management and retrieval functionality.
3. The system of claim 1, further comprising a data store, the data store adapted to store metadata that serves as a representation of the preservation object datum and indexers.
4. The system of claim 3, wherein the data store has the ability to preserve a representation of itself with a superset of all or a portion of preservation requirements of managed jobs.
5. The system of claim 1, further comprising a preservation store controller and preservation store that preserve the one or more preservation objects on preservation media.
6. The system of claim 1, further comprising a profile module capable of specifying preferences for one or more of preservation, retrieval, metadata and queue management.
7. The system of claim 1, further comprising a retrieval interface that cooperates with storage management system to facilitate retrieval of preserved

content.

8. The system of claim 7, wherein one or more of a preserved content identifier, a Boolean query, a text model and a query can be used to search for the preserved content.

9. The system of claim 1, wherein the document vault is adapted to be associated with one or more of a print cartridge, a toner bottle and an ink reservoir.

10. The system of claim 1, wherein the content is at least one of a document, digital content, a facsimile, multimedia, e-mail, video, web page and music.

11. The system of claim 1, wherein the content preservation system stores the one or more preservation objects for at least one of an indefinite or predetermined amount of time.

12. A method of preserving content comprising:  
receiving content;  
associating metadata with received content;  
determining preservation specifics;  
queuing one or more preservation objects for preservation; and  
preserving the one or more preservation objects on preservation media.

13. The method of claim 12, further comprising providing classification, indexing, management and retrieval functionality for the one or more preservation objects.

14. The method of claim 12, further comprising storing metadata in a data store that represents preservation object datum and indexers.

15. The method of claim 14, wherein the data store has the ability to preserve a representation of itself with a superset of all or a portion of preservation requirements of managed jobs.

16. The method of claim 12, further comprising consulting a profile for one or more preferences related to one or more of preservation, retrieval, metadata and queue management.

17. The method of claim 12, further comprising determining and monitoring a retrieval interface that facilitates retrieval of preserved content.

18. The method of claim 17, wherein one or more of a preserved content identifier, a Boolean query, a text model and a query can be used to search for the preserved content.

19. The method of claim 12, further comprising adapting a document vault to be associated with one or more of a print cartridge, a toner bottle and an ink reservoir.

20. The method of claim 12, wherein the content is at least one of a document, digital content, a facsimile, multimedia, e-mail, video, web page and music.

21. The method of claim 12, further comprising archiving the one or more preservation objects for at least one of an indefinite or predetermined amount of time.

22. A system for preserving content comprising:  
means for receiving content;  
means for associating metadata with received content;  
means for determining preservation specifics;  
means for queuing one or more preservation objects for preservation;

and

means for preserving the one or more preservation objects on preservation media.

23. The system of claim 22, further comprising means for providing classification, indexing, management and retrieval functionality for the one or more preservation objects.

24. The system of claim 22, further comprising means for storing metadata in a data store that represents preservation object datum and indexes.

25. The system of claim 24, wherein the data store has the ability to preserve a representation of itself with a superset of all or a portion of preservation requirements of managed jobs.

26. The system of claim 22, further comprising means for consulting a profile for one or more preferences related to one or more of preservation, retrieval, metadata and queue management.

27. The system of claim 22, further comprising means for determining and monitoring a retrieval interface that facilitates retrieval of preserved content.

28. The system of claim 27, wherein one or more of a preserved content identifier, a Boolean query, a text model and a query can be used to search for the preserved content.

29. The system of claim 22, further comprising means for adapting a document vault to be associated with one or more of a print cartridge, a toner bottle and an ink reservoir.

30. The method of claim 22, wherein the content is at least one of a

document, digital content, a facsimile, multimedia, e-mail, video, web page and music.

31. The method of claim 12, further comprising means for archiving the one or more preservation objects for at least one of an indefinite or predetermined amount of time.

32. An information storage media comprising information for preserving content comprising:

information that receives content;

information that associates metadata with received content;

information that determines preservation specifics;

information that queues one or more preservation objects for preservation; and

information that preserves the one or more preservation objects on preservation media.